QUELLE FT 7179

MODEL

DIAGRAM MANUAL

D SOUND MODULE

RF320	TOSHIBA 15W SOUND
322	PHILIPS 15W SOUND
324	VIDEOCOLOR 15W SOUND

AERIAL TERMINAL

DD300

ICi1 SDA3202

ICi2 TDA2450-2

ICi3 TDA4445A

ICd1 TDA8420

ICd2 TDA8405

ICd3 TL322

ICd4 TBA229-2 U2829B

ICp1 TDA4935

ICe1 TDA

Ui1 UHF 4110

Ui2 VHF 4110

Ui3 TRANSPONDER

BF763

BA282

BF199

BC547B

BC557B

1N 4148

1N4148

TP5 5,5MB

Fd1 5,74MHz

Fd3 5,5MHz

1/3 ICa1 4053

2/3xICa1 4053

Transponder

D SOUND MODULE

RF320 322 324 — TOSHIBA 15W SOUND / PHILIPS 15W SOUND / VIDEOCOLOR 15W SOUND

B COLOUR DECODER MODULE

BB300

SIGNAL UNIT

RF 320 | RF 322 | RF 324

B COLOUR DECODER MODULE

BB300

SIGNAL UNIT

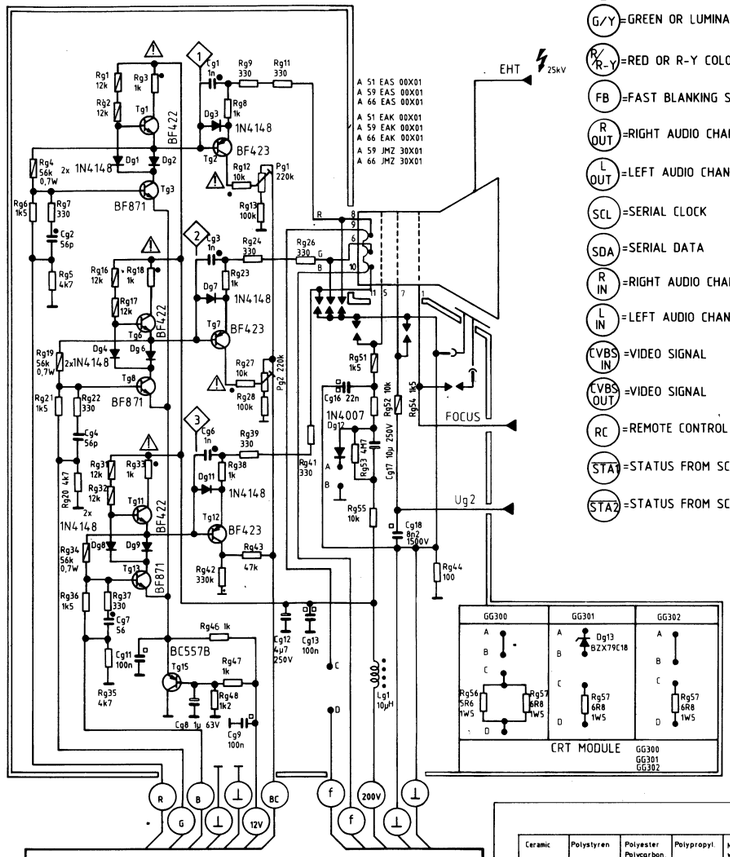
RF 320 | RF 322 | RF 324

	RF304	RF300	RF302
ee	Videocolor CRT	Toshiba CRT	Philips CRT
Ck12	-	22µ 35V	22µ 35V
Rk13	560 1/4W	220 1/4W	560 1/4W
Rk19	-	470 1/4W	470 1/4W
Rk21	4k7	5k1	4k7 1/4W
Rk24	2R7 1/4W	2R2 1/4W	2R2 1/4W
Rk26	2R7 1/4W	2R2 1/4W	2R2 1/4W
Vs300	no	yes	no

** VALUE ON THE TABLE BELOW

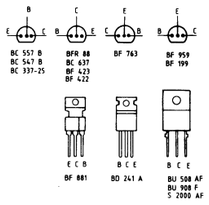
K-DY
VERTICAL SWITCH Vs300
Tv1 RFP15N12
ZDv1 BZX85C30
Dv1 1N4148
Dv2 1N4007
Dv3
BC547B
BC637
VERT DEFL.YOKE

POWER SUPPLY/HOR. DEFLECTION UNIT



(B/B-Y) = BLUE OR B-Y COLOUR DIFFERENCE SIGNAL
(G/Y) = GREEN OR LUMINANCE SIGNAL
(R/R-Y) = RED OR R-Y COLOUR DIFFERENCE SIGNAL
(FB) = FAST BLANKING SIGNAL
(R OUT) = RIGHT AUDIO CHANNEL
(L OUT) = LEFT AUDIO CHANNEL
(SCL) = SERIAL CLOCK
(SDA) = SERIAL DATA
(R IN) = RIGHT AUDIO CHANNEL
(L IN) = LEFT AUDIO CHANNEL
(CVBS IN) = VIDEO SIGNAL
(CVBS OUT) = VIDEO SIGNAL
(RC) = REMOTE CONTROL
(STA1) = STATUS FROM SCART 1
(STA2) = STATUS FROM SCART 2

(L HP) = LEFT AUDIO CHANNEL FOR HEADPHONES
(R HP) = RIGHT AUDIO CHANNEL FOR HEADPHONES
(SAT COPY) = SATELLITE COPYING
(MODE 1) = MODE INFORMATION 1
(MODE 2) = MODE INFORMATION 2
(RGB INV) = RGB INVERTING
(HOLD) = PROCESSOR DISCONNECTING FROM I²C-BUS
(P-ON) = PICTURE ON DRIVING VOLTAGE 12 V
(S-ON) = SOUND ON DRIVING VOLTAGE 12 V
(BC) = BLACK CURRENT
(EW) = EAST-WEST RASTER CORRECTION
(BCL) = BEAM CURRENT LIMITING VOLTAGE
(7V TXT) = SUPPLY VOLTAGE FOR TELETEXT MODULE
(H FLYB) = LINE FLYBACK
(H DRIVE) = DRIVE PULSES FOR LINE OUTPUT STAGE
(f) = FILAMENT VOLTAGE FOR CRT

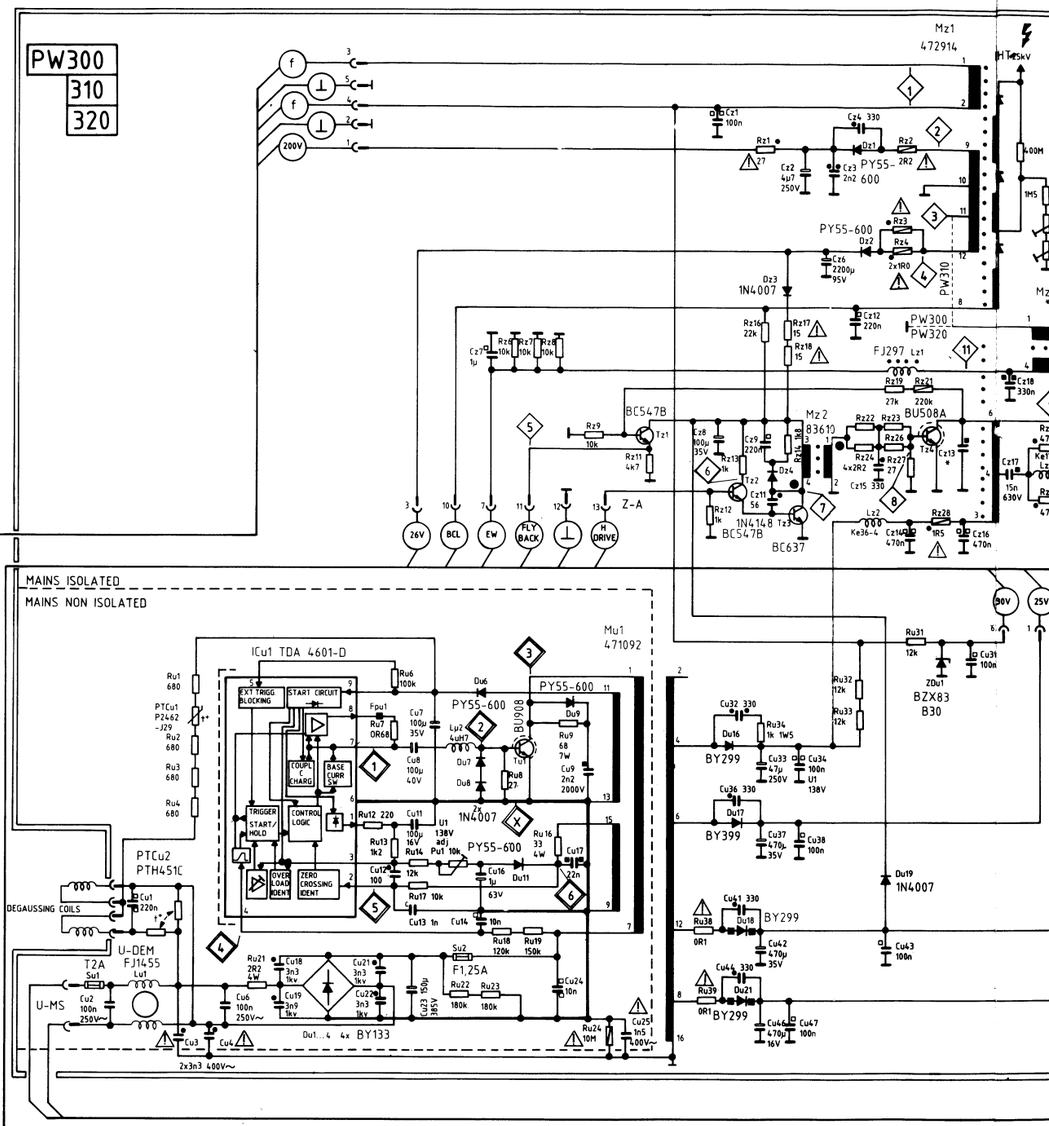


⚠ Critical safety component. Use identical component for replacement.

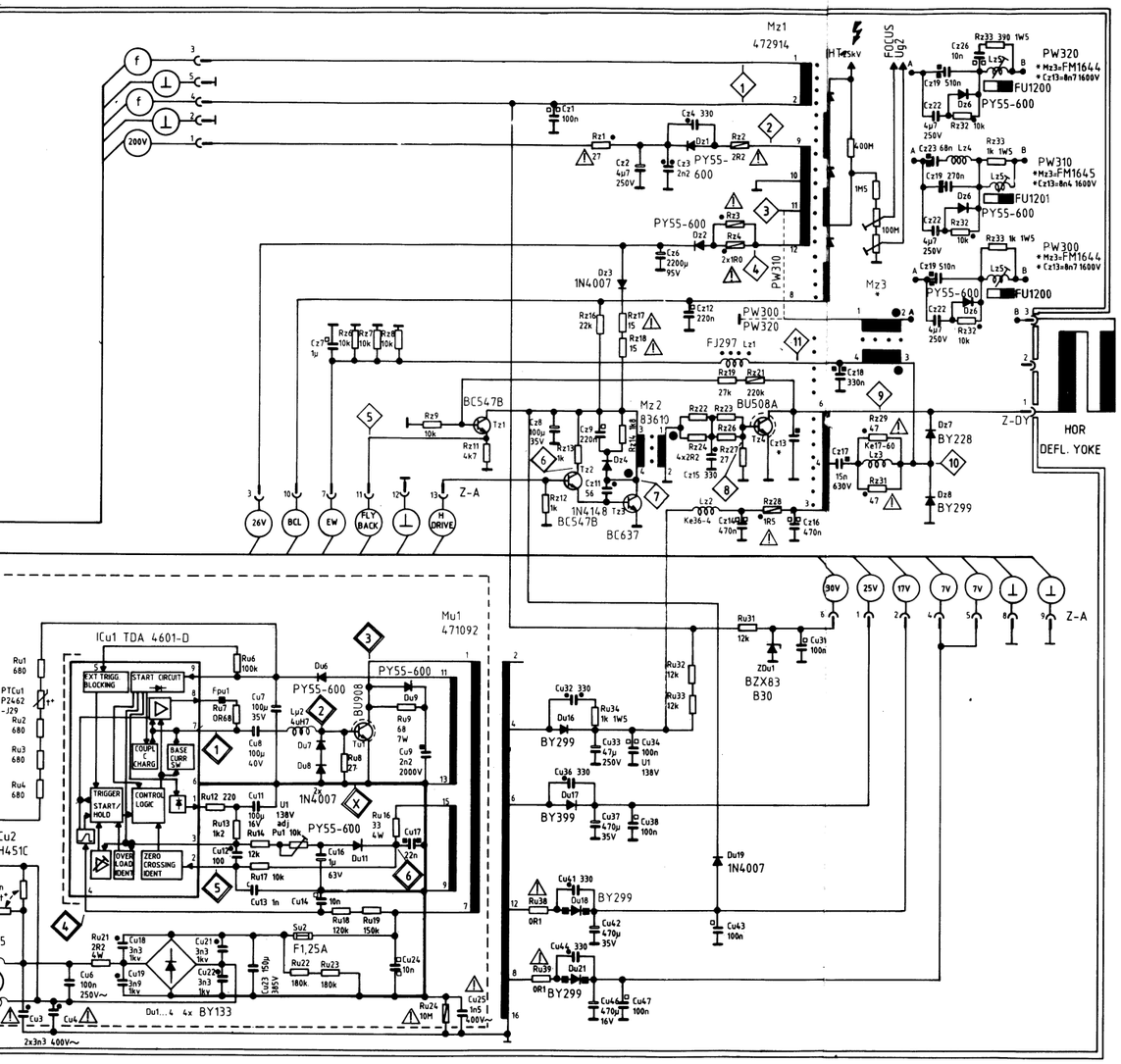
Ceramic	Polystyren	Polyester Polycarbon.	Polypropyl	Notes can be combined when necessary	
63 - 100V	63 - 100V	100V	100V	Paper capac.	
160 -250V	160 - 250V	250V	250V	Electrol. 16V	1500V
400 - 500V		400 V	400 V	Bipol capac.	Folio capac
Hi - Cap				Tantal capac.	Y capacitors

1/4 W
1/2 W
1 W
2 W
+3 W
7W
7 W
Low noise/Rauscharm
Brustfrit/Pienkohinainen
Flame proof/Nicht brennbar
Flammsäkert/Palamaton
Thermal fuse/Auslötsicherung
Termisk säkring/Lämpövaroke
Fuse resistor/Sicherungwiderstand
Säkringsmotstånd/Sulakevastus

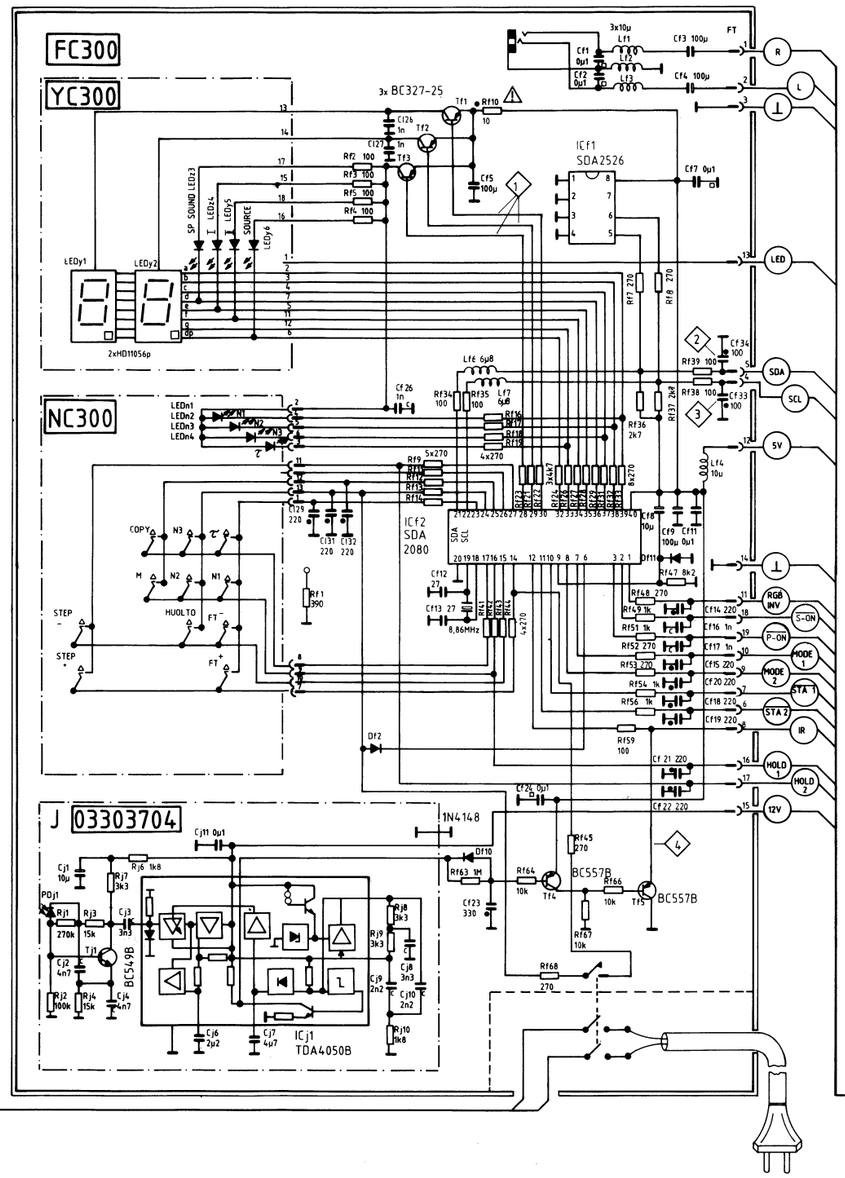
Amplifier	Gain controlled amplifier	Divider	Inverter	
Multiplier	DA. Digital -analog converter	Sandcastle pulse generator	Limiter	Demodulator
Voltage regulator	Oscillator	Switch		Sawtooth generator
Schmitt trigger		Phase detector		



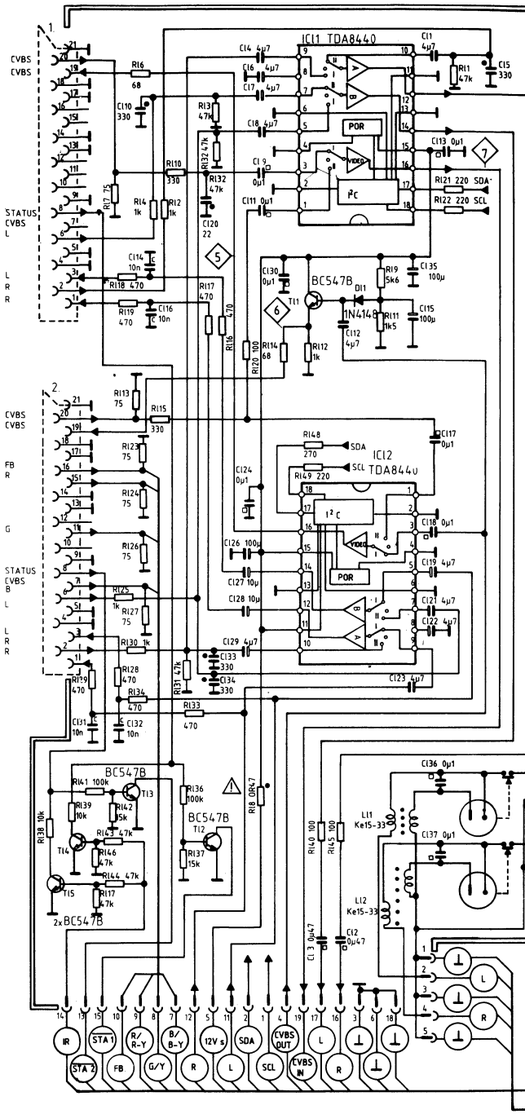
R SUPPLY/HOR. DEFLECTION UNIT



F CONTROL UNIT



LL300 L CONNECTOR UNI



F CONTROL UNIT

FC300

YC300

NC300

J 03303704

L CONNECTOR UNIT

LL300

LL310 ONLY IN TV SETS EQUIPPED WITH ONE SCART